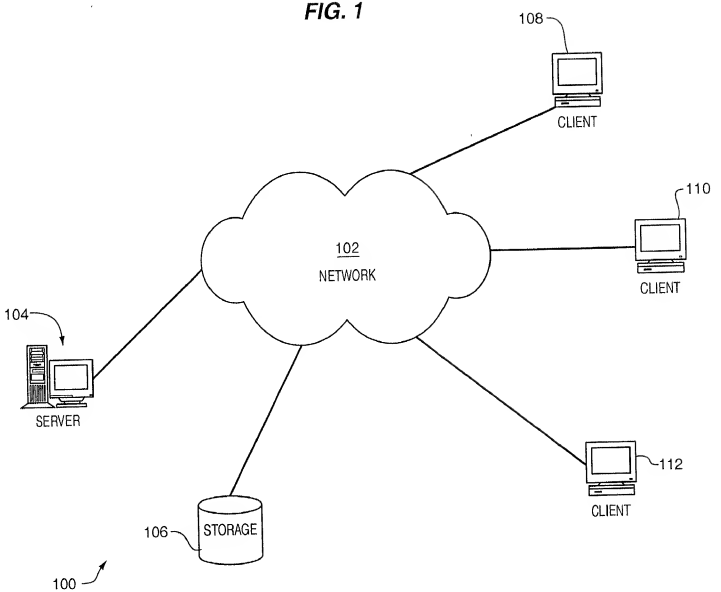
09751635 "04160T

FIG. 1



#3

FIG. 2

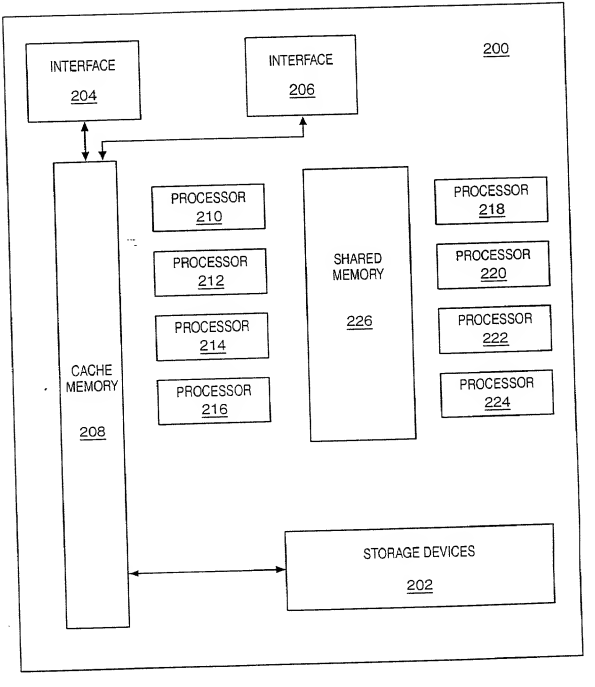

INTERFACE
204
INTERFACE
206
200
PROCESSOR
210
PROCESSOR
212
PROCESSOR
214
PROCESSOR
216
CACHE
MEMORY
208
SHARED
MEMORY
226
PROCESSOR
218
PROCESSOR
220
PROCESSOR
222
PROCESSOR
224
STORAGE DEVICES
202

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FIG. 3

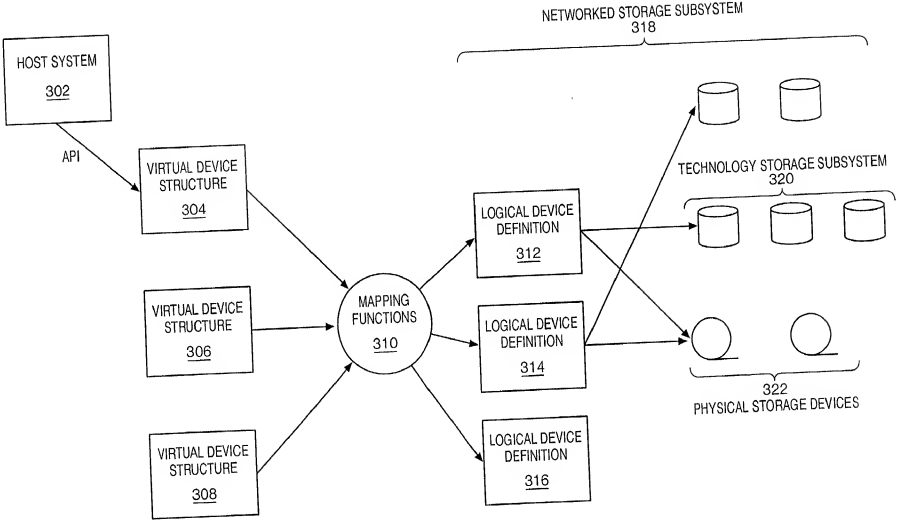

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FIG. 4

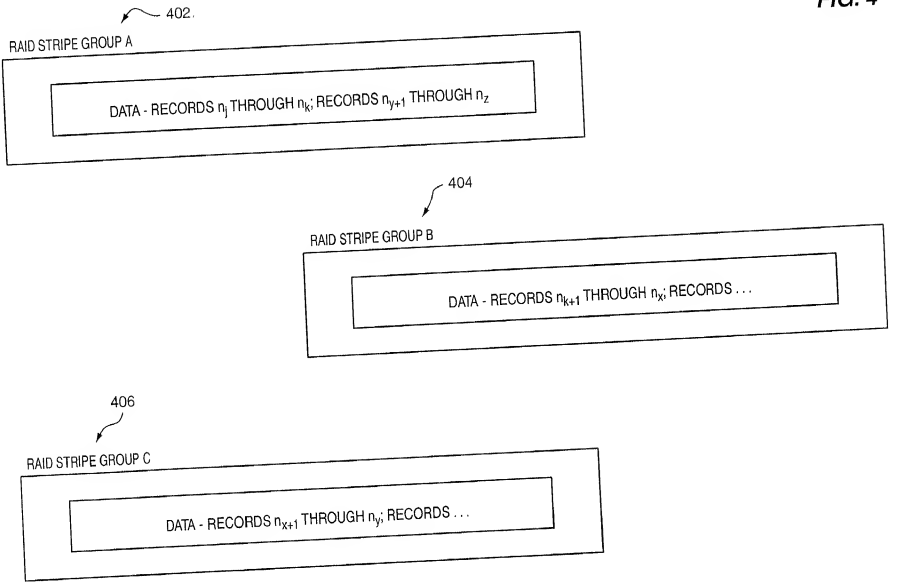
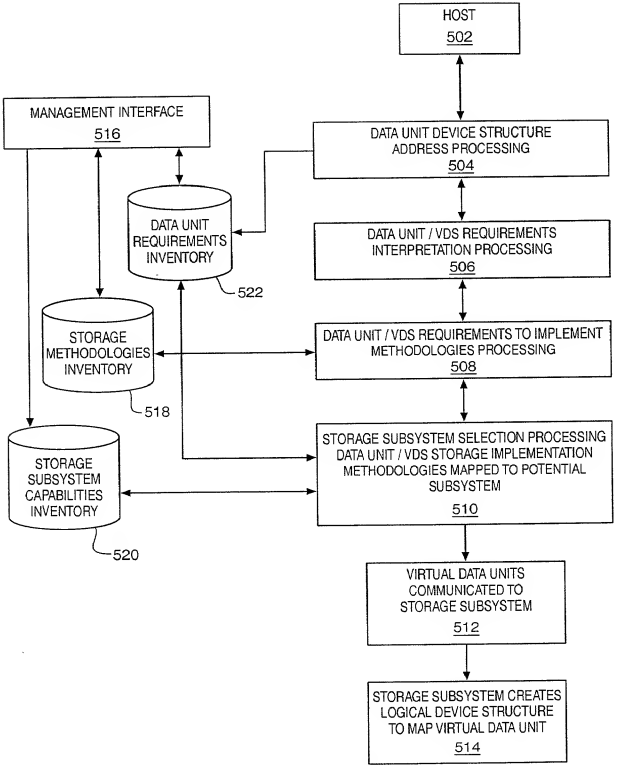


FIG. 5


HOST
502
MANAGEMENT INTERFACE
516
DATA UNIT DEVICE STRUCTURE ADDRESS PROCESSING
504
DATA UNIT REQUIREMENTS INVENTORY
522
DATA UNIT / VDS REQUIREMENTS INTERPRETATION PROCESSING
506
STORAGE METHODOLOGIES INVENTORY
518
DATA UNIT / VDS REQUIREMENTS TO IMPLEMENT METHODOLOGIES PROCESSING
508
STORAGE SUBSYSTEM CAPABILITIES INVENTORY
520
STORAGE SUBSYSTEM SELECTION PROCESSING DATA UNIT / VDS STORAGE IMPLEMENTATION METHODOLOGIES MAPPED TO POTENTIAL SUBSYSTEM
510
VIRTUAL DATA UNITS COMMUNICATED TO STORAGE SUBSYSTEM
512
STORAGE SUBSYSTEM CREATES LOGICAL DEVICE STRUCTURE TO MAP VIRTUAL DATA UNIT
514

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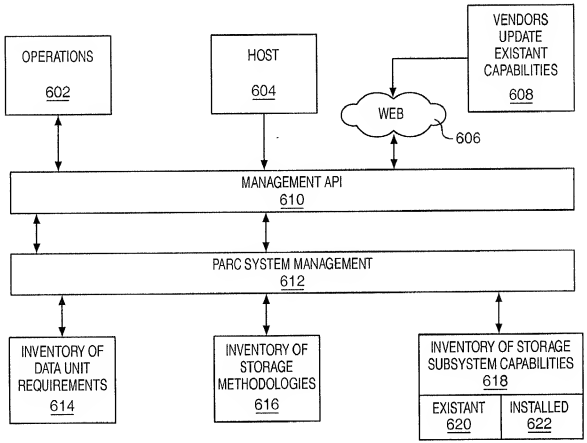
FIG. 6